



June 2008

**DEPARTMENT OF EDUCATION**  
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 7

Test Date: March 2008  
Code: 12151556  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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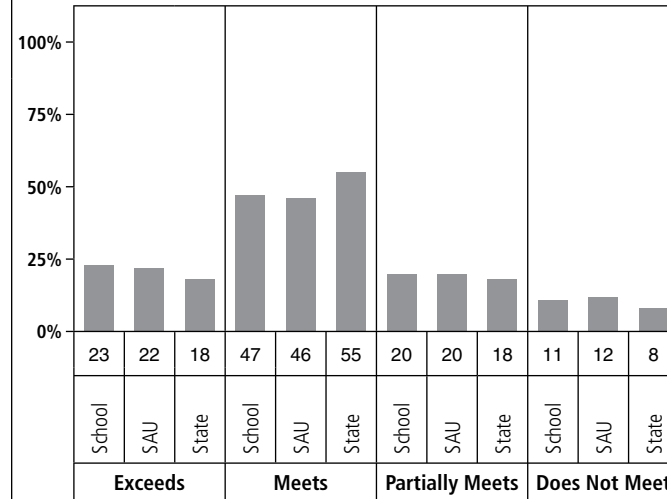
# SUMMARY OF SCORES

Test Date: March 2008  
Grade: 7  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

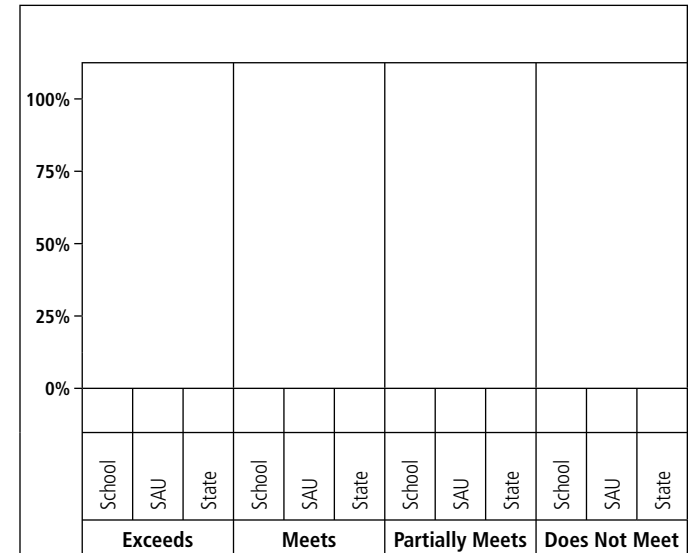
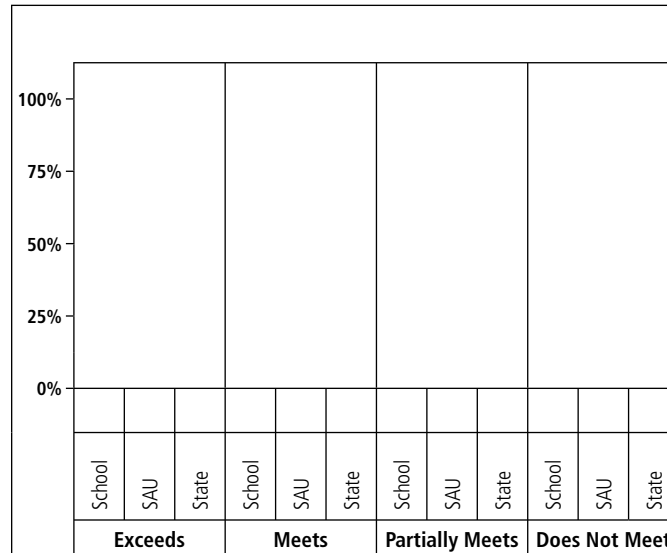
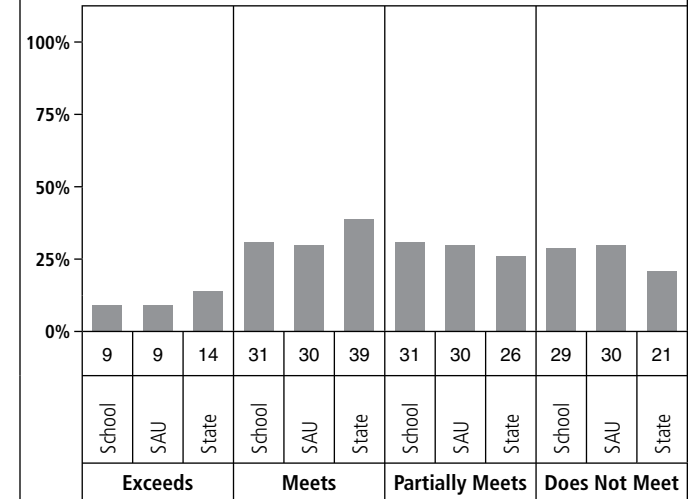
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2005–2006	739	739	745
2006–2007	744	744	748
<b>2007–2008</b>	<b>750</b>	<b>749</b>	<b>750</b>
Cum. Avg. *	744	744	748
<b>Mathematics</b>			
2005–2006	727	727	740
2006–2007	733	733	742
<b>2007–2008</b>	<b>738</b>	<b>737</b>	<b>743</b>
Cum. Avg. *	733	732	742

### ELA – READING



### MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008  
Grade: 7  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	75	100	76	100	14818	100	75	100	76	100	14698	99	75	100	76	100	14694	99												
Ethnicity African American/Black	1	1	1	1	381	3	1	100	1	100	372	98	1	100	1	100	375	99												
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99												
Asian or Pacific Islander	1	1	1	1	219	1	1	100	1	100	213	97	1	100	1	100	217	99												
Hispanic	1	1	1	1	178	1	1	100	1	100	176	99	1	100	1	100	177	100												
Caucasian/White	72	96	73	96	13927	94	72	100	73	100	13825	99	72	100	73	100	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	12	16	13	17	2556	17	12	100	13	100	2508	99	12	100	13	100	2497	98												
Current LEP	1	1	1	1	363	2	1	100	1	100	352	97	1	100	1	100	360	99												
Economically disadvantaged	28	37	28	37	5461	37	28	100	28	100	5408	99	28	100	28	100	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	63	84	64	84	12195	82	63	84	64	84	12215	82												
Identified disability (PET/IEP)	2	3	3	5	418	3	2	3	3	5	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	0	0	0	0	181	1	0	0	0	0	182	1												
<b>Participation with accommodations</b>	12	16	12	16	2320	16	12	16	12	16	2303	16												
Identified disability (PET/IEP)	10	83	10	83	1912	82	10	83	10	83	1900	83												
LEP	1	8	1	8	159	7	1	8	1	8	173	8												
504 plan	0	0	0	0	56	2	0	0	0	0	55	2												
Other	2	17	2	17	244	11	2	17	2	17	226	10												
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	178	1	0	0	0	0	176	1												
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	5	0																		
<b>Approved non-participation – special consideration</b>	0	0	0	0	27	0	0	0	0	0	28	0												
<b>Non-participation – other</b>	0	0	0	0	93	1	0	0	0	0	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2008  
Grade: 7  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	3	4	3	4	1769	11
	2006-2007	7	10	7	10	2630	18
	<b>2007-2008</b>	<b>17</b>	<b>23</b>	<b>17</b>	<b>22</b>	<b>2604</b>	<b>18</b>
	Cum. Total*	27	13	27	12	7003	16
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	28	39	28	39	7521	49
	2006-2007	36	51	36	51	7605	51
	<b>2007-2008</b>	<b>35</b>	<b>47</b>	<b>35</b>	<b>46</b>	<b>8049</b>	<b>55</b>
	Cum. Total*	99	46	99	45	23175	52
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	20	28	20	28	3773	24
	2006-2007	16	23	16	23	3000	20
	<b>2007-2008</b>	<b>15</b>	<b>20</b>	<b>15</b>	<b>20</b>	<b>2672</b>	<b>18</b>
	Cum. Total*	51	24	51	23	9445	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	20	28	20	28	2399	16
	2006-2007	11	16	12	17	1620	11
	<b>2007-2008</b>	<b>8</b>	<b>11</b>	<b>9</b>	<b>12</b>	<b>1190</b>	<b>8</b>
	Cum. Total*	39	18	41	19	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Total Reading Cluster</b>	<b>56</b>	<b>100</b>	35.1	62.7	34.8	62.1	35.3	63.0
<b>Literary Text</b>	<b>28</b>	<b>50</b>	17.4	62.1	17.2	61.4	17.3	61.8
<b>Informational Text</b>	<b>28</b>	<b>50</b>	17.7	63.2	17.6	62.9	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 7  
 SAU: MSAD 21  
 School: T W Kelly Dirigo Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	75	17	23	35	47	15	20	8	11	750	76	22	46	20	12	749	14515	18	55	18	8	750
<b>Ethnicity</b>																						
African American/Black	1										1						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	1										1						211	26	47	20	6	752
Hispanic	1										1						173	12	54	18	15	746
Caucasian/White	72	17	24	35	49	13	18	7	10	751	73	23	48	18	11	750	13656	18	56	18	8	750
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	12	0	0	1	8	4	33	7	58	726	13	0	8	31	62	726	2330	2	30	36	32	735
No	63	17	27	34	54	11	17	1	2	754	63	27	54	17	2	754	12185	21	60	15	4	753
<b>Current LEP</b>																						
Yes	1										1						342	8	46	22	24	741
No	74	17	23	35	47	15	20	7	9	750	75	23	47	20	11	750	14173	18	56	18	8	750
<b>Economically disadvantaged</b>																						
Yes	28	4	14	12	43	7	25	5	18	743	28	14	43	25	18	743	5299	9	51	26	14	745
No	47	13	28	23	49	8	17	3	6	754	48	27	48	17	8	753	9216	23	58	14	5	753
<b>Migrant</b>																						
Yes	0										0						1					
No	75	17	23	35	47	15	20	8	11	750	76	22	46	20	12	749	14514	18	55	18	8	750
<b>Gender</b>																						
Female	32	10	31	19	59	2	6	1	3	757	32	31	59	6	3	757	7084	24	55	15	6	752
Male	43	7	16	16	37	13	30	7	16	744	44	16	36	30	18	744	7431	12	56	21	11	747
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	3										3						946	6	47	34	12	743
No	72	17	24	35	49	13	18	7	10	751	73	23	48	18	11	750	13569	19	56	17	8	750
<b>Gifted/talented program</b>																						
Yes	2										2						574	61	38	1	0	765
No	73	16	22	34	47	15	21	8	11	749	74	22	46	20	12	749	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA–READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
Grade: 7  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	15	3	27	3	27	2	18	3	27	745	16	25	25	17	33	743	6	9	42	24	25	741
B. less than one hour	56	7	17	24	59	8	20	2	5	751	55	17	59	20	5	751	50	17	56	19	8	750
C. one to two hours	25	6	33	6	33	4	22	2	11	752	24	33	33	22	11	752	40	20	58	16	6	752
D. more than two hours	4	0	0	1	33	1	33	1	33	731	4	0	33	33	33	731	4	19	49	21	11	749
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	45	10	30	14	42	5	15	4	12	752	45	30	42	15	12	752	36	24	58	14	5	753
B. They match some of what I have learned.	45	6	18	19	58	8	24	0	0	752	45	18	58	24	0	752	50	16	58	19	8	749
C. They match just a little of what I have learned.	7	0	0	1	20	2	40	2	40	729	8	0	17	33	50	727	11	13	45	26	16	745
D. There is no match.	3	0	0	0	0	0	0	2	100	720	3	0	0	0	100	720	3	4	35	29	31	737
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	32	10	43	10	43	0	0	3	13	758	31	43	43	0	13	758	28	35	52	9	5	756
B. good	40	5	17	15	52	6	21	3	10	748	39	17	52	21	10	748	52	15	60	18	7	750
C. fair	27	1	5	9	45	9	45	1	5	744	28	5	43	43	10	742	18	3	49	33	15	742
D. poor	1	0	0	0	0	0	0	1	100	704	1	0	0	0	100	704	2	2	41	28	29	738
<b>How difficult was the reading part of this test?</b>																						
A. harder than my regular schoolwork	16	1	8	2	17	5	42	4	33	735	16	8	17	42	33	735	16	13	48	23	16	745
B. about the same as my regular schoolwork	74	12	22	28	52	10	19	4	7	751	74	22	51	18	9	750	65	18	57	18	7	750
C. easier than my regular schoolwork	10	3	43	4	57	0	0	0	0	764	9	43	57	0	0	764	19	21	57	16	6	752
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	13	1	11	3	33	2	22	3	33	738	14	10	30	20	40	736	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	58	8	19	19	45	11	26	4	10	748	58	19	45	26	10	748	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	29	7	33	11	52	2	10	1	5	758	29	33	52	10	5	758	36	28	58	10	4	755
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	42	7	23	16	52	6	19	2	6	751	42	23	52	19	6	751	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	49	9	25	14	39	9	25	4	11	750	49	25	39	25	11	750	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	8	0	0	4	67	0	0	2	33	739	9	0	57	0	43	736	5	9	46	26	19	743
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	29	2	10	14	67	1	5	4	19	748	28	10	67	5	19	748	17	25	57	13	6	753
B. 20 minutes to an hour	23	8	47	4	24	5	29	0	0	757	24	44	22	28	6	755	45	22	56	16	6	752
C. less than 20 minutes	12	1	11	7	78	1	11	0	0	752	12	11	78	11	0	752	13	14	56	21	9	748
D. I rarely read at home.	36	5	19	9	35	8	31	4	15	745	35	19	35	31	15	745	24	8	53	26	13	745
<b>Optional school/SAU question</b>																						
A.	40	0	0	1	50	0	0	1	50	729	40	0	50	0	50	729						
B.	20	1	100	0	0	0	0	0	0	772	20	100	0	0	0	772						
C.	0										0											
D.	40	0	0	1	50	1	50	0	0	745	40	0	50	50	0	745						

# MATHEMATICS RESULTS

Test Date: March 2008  
Grade: 7  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	1	1	1	1	1646	11
	2006-2007	3	4	3	4	2142	14
	<b>2007-2008</b>	<b>7</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>2028</b>	<b>14</b>
	Cum. Total*	11	5	11	5	5816	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	13	18	13	18	5497	36
	2006-2007	25	36	25	35	5642	38
	<b>2007-2008</b>	<b>23</b>	<b>31</b>	<b>23</b>	<b>30</b>	<b>5703</b>	<b>39</b>
	Cum. Total*	61	28	61	28	16842	38
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	22	31	22	31	4514	29
	2006-2007	16	23	16	23	4077	27
	<b>2007-2008</b>	<b>23</b>	<b>31</b>	<b>23</b>	<b>30</b>	<b>3733</b>	<b>26</b>
	Cum. Total*	61	28	61	28	12324	27
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	35	49	35	49	3797	25
	2006-2007	26	37	27	38	3001	20
	<b>2007-2008</b>	<b>22</b>	<b>29</b>	<b>23</b>	<b>30</b>	<b>3054</b>	<b>21</b>
	Cum. Total*	83	38	85	39	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	8.3	51.9	8.2	51.3	8.8	55.0
Cluster 2: Shape and Size	14	25	4.5	32.1	4.5	32.1	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	3.1	38.8	3.1	38.8	3.5	43.8
Cluster 4: Patterns	18	32	6.8	37.8	6.7	37.2	7.9	43.9

- Cluster 1: Numbers and Operations**  
 A. Numbers and Number Sense  
 B. Computation  
 I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**  
 E. Geometry  
 F. Measurement
- Cluster 3: Mathematical Decision Making**  
 C. Data Analysis and Statistics  
 D. Probability
- Cluster 4: Patterns**  
 G. Patterns, Relations, and Functions  
 H. Algebra Concepts  
 K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2008  
 Grade: 7  
 SAU: MSAD 21  
 School: T W Kelly Dirigo Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	75	7	9	23	31	23	31	22	29	738	76	9	30	30	30	737	14518	14	39	26	21	743
<b>Ethnicity</b>																						
African American/Black	1										1						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	1										1						216	25	34	23	18	748
Hispanic	1										1						175	9	32	30	29	737
Caucasian/White	72	7	10	23	32	22	31	20	28	738	73	10	32	30	29	738	13645	14	40	26	20	743
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	12	0	0	1	8	1	8	10	83	717	13	0	8	8	85	715	2321	2	16	26	55	727
No	63	7	11	22	35	22	35	12	19	741	63	11	35	35	19	741	12197	16	44	26	15	746
<b>Current LEP</b>																						
Yes	1										1						356	7	23	24	45	731
No	74	7	9	23	31	23	31	21	28	738	75	9	31	31	29	738	14162	14	40	26	20	743
<b>Economically disadvantaged</b>																						
Yes	28	1	4	9	32	4	14	14	50	732	28	4	32	14	50	732	5301	5	31	31	33	736
No	47	6	13	14	30	19	40	8	17	741	48	13	29	40	19	740	9217	19	44	23	14	747
<b>Migrant</b>																						
Yes	0										0						1					
No	75	7	9	23	31	23	31	22	29	738	76	9	30	30	30	737	14517	14	39	26	21	743
<b>Gender</b>																						
Female	32	3	9	13	41	9	28	7	22	739	32	9	41	28	22	739	7086	14	40	26	20	743
Male	43	4	9	10	23	14	33	15	35	736	44	9	23	32	36	735	7432	14	38	25	22	743
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	3										3						946	4	23	36	37	733
No	72	7	10	23	32	22	31	20	28	738	73	10	32	30	29	737	13572	15	40	25	20	743
<b>Gifted/talented program</b>																						
Yes	2										2						575	64	31	3	1	765
No	73	6	8	22	30	23	32	22	30	737	74	8	30	31	31	736	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2008  
Grade: 7  
SAU: MSAD 21  
School: T W Kelly Dirigo Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	15	3	27	1	9	2	18	5	45	740	16	25	8	17	50	736	6	7	29	26	37	734
B. less than one hour	56	3	7	15	37	12	29	11	27	738	55	7	37	29	27	738	50	13	39	26	22	742
C. one to two hours	25	1	6	6	33	6	33	5	28	738	24	6	33	33	28	738	40	15	42	26	17	744
D. more than two hours	4	0	0	0	0	2	67	1	33	723	4	0	0	67	33	723	4	16	37	23	24	742
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	30	2	9	9	41	6	27	5	23	740	30	9	41	27	23	740	32	21	40	23	16	747
B. They match some of what I have learned.	47	5	15	10	29	11	32	8	24	742	46	15	29	32	24	742	50	12	42	27	19	743
C. They match just a little of what I have learned.	16	0	0	3	25	5	42	4	33	729	18	0	23	38	38	727	15	7	32	31	30	737
D. There is no match.	7	0	0	0	0	0	0	5	100	711	7	0	0	0	100	711	3	4	17	21	58	726
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	32	5	22	6	26	6	26	6	26	744	32	22	26	26	26	744	25	34	42	13	11	753
B. good	39	2	7	11	39	9	32	6	21	739	38	7	39	32	21	739	47	10	45	27	18	743
C. fair	22	0	0	4	25	6	38	6	38	729	23	0	24	35	41	728	23	3	30	36	32	735
D. poor	7	0	0	1	20	1	20	3	60	726	7	0	20	20	60	726	5	1	17	32	49	729
<b>How difficult was the mathematics part of this test?</b>																						
A. harder than my regular schoolwork	44	1	3	7	22	11	34	13	41	730	45	3	21	33	42	729	36	6	38	29	27	738
B. about the same as my regular schoolwork	49	6	17	13	37	9	26	7	20	745	48	17	37	26	20	745	53	13	42	27	18	744
C. easier than my regular schoolwork	7	0	0	2	40	2	40	1	20	740	7	0	40	40	20	740	11	40	32	15	13	753
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	36	3	12	4	16	11	44	7	28	737	37	12	15	42	31	735	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	59	4	10	18	44	10	24	9	22	741	58	10	44	24	22	741	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	6	0	0	0	0	1	25	3	75	720	6	0	0	25	75	720	5	10	27	27	36	736
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	56	5	12	17	41	10	24	9	22	741	55	12	41	24	22	741	9	15	37	25	23	742
B. two or three days a week	23	1	6	2	12	6	35	8	47	731	23	6	12	35	47	731	20	13	41	26	20	743
C. two or three times each month	15	1	9	2	18	6	55	2	18	737	15	9	18	55	18	737	30	15	40	27	18	744
D. never or almost never	5	0	0	1	25	0	0	3	75	722	7	0	20	0	80	717	41	13	39	26	23	742
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	11	0	0	2	25	2	25	4	50	732	11	0	25	25	50	732	20	17	39	23	22	744
B. two or three days a week	39	7	25	8	29	8	29	5	18	746	38	25	29	29	18	746	29	16	40	25	19	744
C. two or three times a month	33	0	0	8	33	8	33	8	33	734	33	0	33	33	33	734	26	13	40	28	20	743
D. never or almost never	17	0	0	4	33	4	33	4	33	730	18	0	31	31	38	728	24	10	39	27	24	740
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	15	1	9	2	18	2	18	6	55	728	15	9	18	18	55	728	8	7	32	26	35	736
B. 30–45 minutes	27	1	5	5	26	6	32	7	37	733	28	5	25	30	40	731	41	12	38	27	23	741
C. 45–60 minutes	54	4	11	15	39	13	34	6	16	743	53	11	39	34	16	743	41	17	42	24	16	745
D. more than 60 minutes	4	0	0	0	0	1	33	2	67	727	4	0	0	33	67	727	10	15	38	25	22	743
<b>Optional school/SAU question</b>																						
A.	40	0	0	1	50	0	0	1	50	737	40	0	50	0	50	737						
B.	20	1	100	0	0	0	0	0	0	780	20	100	0	0	0	780						
C.	0										0											
D.	40	0	0	1	50	0	0	1	50	741	40	0	50	0	50	741						